

PATENT Appn. No. 10/022,695

Atty. Docket No. 10235/11

Amendment

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) A method for producing geranylgeraniol and/or farnesol, which comprises culturing geranylgeraniol- and/or farnesol-producing cells belonging to any one of the following genera:

Saccharomyces,  
Saccharomycopsis,  
Saccharomycodes,  
Schizosaccharomyces,  
Wickerhamia,  
Debaryomyces,  
~~Hansenula,~~  
Hanseniaspora,  
~~Lypomyces,~~  
Pichia,  
Kloeckera,  
Candida,  
Zygosaccharomyces,  
Ogataea,  
~~Kuraishia,~~  
~~Komagataella,~~  
~~Yarrowia,~~  
Williopsis,  
~~Nakazawaea,~~  
Kluyveromyces,  
~~Torulaspora,~~

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~~Citeromyces,~~  
~~Waltomyces,~~  
Cryptococcus,  
Bacillus,  
Staphylococcus,  
~~Pseudomonas,~~  
~~Micrococcus,~~  
~~Exiguobacterium,~~  
~~Mucor,~~  
Ambrosiozyma,  
~~Cystofilobasidium,~~  
Metschnikowia,  
Trichosporon,  
~~Xanthophyllomyces,~~  
Bullera,  
~~Fellomyces,~~  
Filobasidium,  
~~Holtermannia,~~  
~~Phaffia,~~  
Rhodotorula, and  
Sporidiobolus,  
Sporobolomyces,  
~~Zygoascus,~~  
~~Haloferax,~~  
Brevibacterium,  
Leucosporidium,  
~~Myxozyma,~~  
~~Trichosporiella, and~~  
Alcaligenes

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or any one of the following species

Hansenula polymorpha,  
Lypomyces starkeyi,  
Kuraishia capsulata,  
Komagataella pastoris,  
Yarrowia lipolytica,  
Nakazawaea holstii,  
Torulaspora delbrueckii,  
Citeromyces matritensis,  
Waltomyces lipofer,  
Pseudomonas sp.,  
Micrococcus luteus,  
Exiguobacterium acetylicum,  
Mucor javanicus,  
Cystofilobasidium infirmominiatum,  
Xanthophyllomyces dendrorhous,  
Fellomyces penicillatus,  
Holtermannia corniformis,  
Phaffia rhodozyma,  
Sporidiobolus salmonicolor,  
Sporobolomyces salmonicolor,  
Zygoascus hellenicus,  
Haloferax volcanii,  
Leucosporidium scottii,  
Myxozyma lipomycoides,  
Trichosporiella flavificans, and  
Alcaligenes faecalis,

in a medium with a sugar content of 1-10% in the presence of at least one member selected from the group consisting of a soybean oil, fish oil, almond oil and olive oil at a concentration of about

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0.01% or more to produce and accumulate geranylgeraniol and/or farnesol in the cells and/or in the extracellular environment; and then collecting geranylgeraniol and/or farnesol.

2. (Canceled)

3. (Previously presented) The method of claim 1 wherein the medium has a sugar content of 2-7%.